

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DESIGN OVERSIGHT

BEHZAD GOLEMOHAMMADI

REVISOR

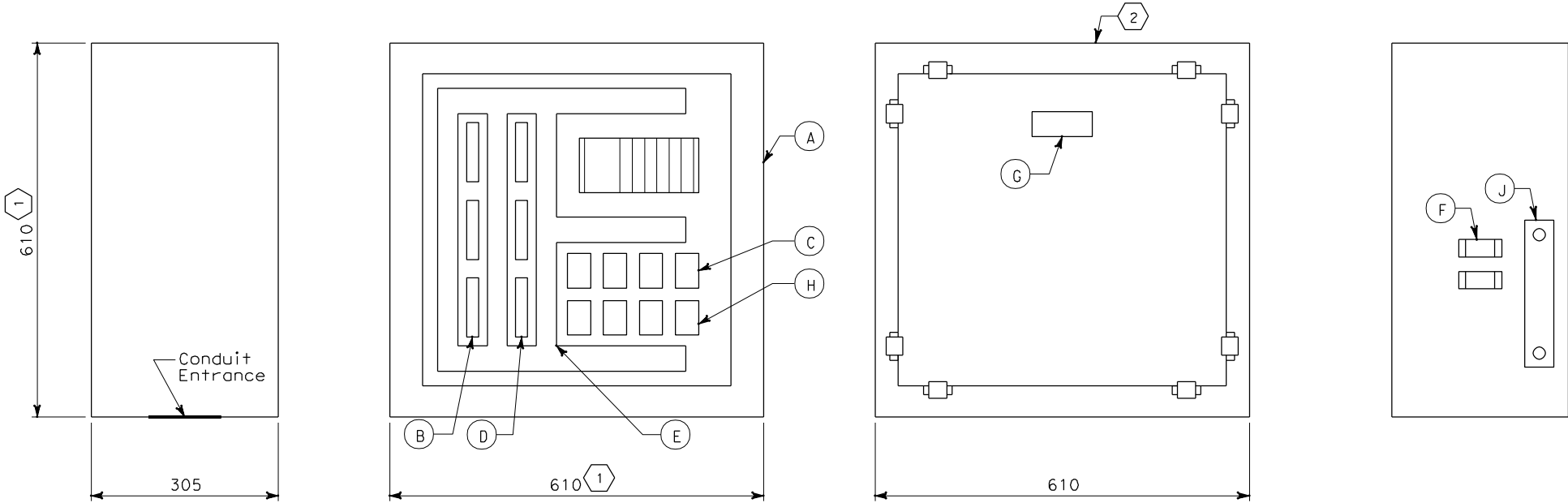
DATE

REVISOR

DATE

DESIGNED BY

CHECKED BY



SIDE ELEVATION

INTERNAL ARRANGEMENT

FRONT ELEVATION

SIDE WALL PANS

MATERIAL LIST		
ITEM	DESCRIPTION	QTY
A	Enclosure, stainless steel, NEMA Type 4X, with interior panels	1
B	Terminal blocks, Rated 300 V 20 A (minimum) Barrier Type with screw terminals	as req'd
C	Relay, general purpose, 120 VAC coil, (1.2 volt-amps) 4PDT 10 amp contacts (Type IV Relay)	4
D	Terminal blocks, rated 600 V 20 A (minimum) Barrier Type with screw terminals	as req'd
E	Wireway, plastic, size and length as required	as req'd
F	Fuse block single pole, rated 30 A with 5 A fuse	2
G	Nameplate to be white Iomicold with black core, size 19 x 80, lettering to be condensed gothic (RTUT)	as req'd
H	Relay general purpose, 120 VAC coil, (0.9 W) DPDT 10 AMP contacts (Type 1 relay)	4
I	Programmable Logic Controller	1
J	Copper grounding bar and insulated mounting brackets 200 mm length with 10 MS holes	



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		307 S1	1204

01/22/10

REGISTERED ELECTRICAL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER

FADI WALIEDDINE

No. 11465

Exp. 12/31/2011

ELECTRICAL

STATE OF CALIFORNIA

PLANS APPROVAL DATE

PB AMERICAS, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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- SHEET NOTES:**
- 1 Because of limited space, in the main tower, RTU #10E-A shall be furnished as small as possible with outside dimensions not to exceed 610(H) x 610(W) x 305(D).
 - 2 The RTU enclosure shall be furnished for wall mounting.

- NOTES:**
- Refer to sheet E-331A for elementary and connection diagrams for RTU #10E-A.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
	02/01/10	DEHUMIDIFIER SCADA INTERFACE	RG	JE FW	130
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

DETAILS
SCADA REMOTE TERMINAL UNIT SYSTEM
MAIN TOWER RTU #10E-A PANEL LAYOUT
NO SCALE

E-320A